

SAMPLE

検査成績表  
<TEST REPORT>

品名 <Model Name> ( 超絶縁計 )  
<SUPER MEGOHM METER>  
形名 <Model Number> ( SM7420 )  
製造番号 <Serial No.> ( No. 161117986 )  
検査年月日 <Test Date> ( 2017-01-31 )  
<YYYY-MM-DD>  
検査条件 <Test Condition> ( 21.9 °C, 54 %rh )

1. 容量測定精度 (コンタクトチェック) <Capacity Measurement Accuracy (Contact Check)>

接続 <Connect>	周波数 <Frequency>	ワーク <Work>	入力<Input> <Capacitance>	CH	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
Each	300kHz	LOW	10pF	1	7.900 pF ~ 12.100 pF	( 9.879 pF)
				2	7.900 pF ~ 12.100 pF	( 10.062 pF)
				3	7.900 pF ~ 12.100 pF	( 10.046 pF)
				4	7.900 pF ~ 12.100 pF	( 10.049 pF)
		NORMAL	82pF	1	65.500 pF ~ 98.500 pF	( 82.828 pF)
				2	65.500 pF ~ 98.500 pF	( 82.852 pF)
				3	65.500 pF ~ 98.500 pF	( 82.957 pF)
				4	65.500 pF ~ 98.500 pF	( 82.890 pF)
Common	300kHz	LOW	10pF	1	7.900 pF ~ 12.100 pF	( 9.980 pF)
				2	7.900 pF ~ 12.100 pF	( 10.037 pF)
				3	7.900 pF ~ 12.100 pF	( 9.990 pF)
				4	7.900 pF ~ 12.100 pF	( 9.997 pF)
		NORMAL	82pF	1	65.500 pF ~ 98.500 pF	( 83.004 pF)
				2	65.500 pF ~ 98.500 pF	( 82.572 pF)
				3	65.500 pF ~ 98.500 pF	( 82.570 pF)
				4	65.500 pF ~ 98.500 pF	( 82.484 pF)

2. 電流測定精度 <Current Measurement Accuracy>

測定速度 <Speed>	レンジ <Range>	入力 <Input> <Current/ (Resistance/Voltage)>		CH	許容範囲 <Tolerance>	校正値 *1, *2 <Calibration Value>	
SLOW2	20pA	2pA	100GΩ	0.2V	1	1.9570 pA ~ 2.0430 pA	( 1.9748 pA)
					2	1.9570 pA ~ 2.0430 pA	( 1.9734 pA)
					3	1.9570 pA ~ 2.0430 pA	( 1.9793 pA)
					4	1.9570 pA ~ 2.0430 pA	( 1.9853 pA)
		20pA	100GΩ	2V	1	19.5970 pA ~ 20.4030 pA	( 19.9827 pA)
					2	19.5970 pA ~ 20.4030 pA	( 19.9430 pA)
					3	19.5970 pA ~ 20.4030 pA	( 19.9227 pA)
					4	19.5970 pA ~ 20.4030 pA	( 19.9888 pA)

備考<Note>

\*1. FAIL判定箇所は、グレー表示としています。<FAIL decision points are highlighted in gray.>

\*2. 調整検査モードを設定することにより、表示範囲外の値の表示を許可しています。

<Turning on adjusting and testing mode enables the unit to display the values that are out of the display range.>

総合判定<Overall Result> ( PASS )	検査者<Inspected By> ( )	承認者<Approved By> ( )
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測定速度 <Speed>	レンジ <Range>	入力 <Input> <Current/ (Resistance/Voltage)>			CH	許容範囲 <Tolerance>		校正値 *1, *2 <Calibration Value>		
SLOW2	200pA	20pA	100GΩ	2V	1	19.770 pA	~	20.230 pA	(	20.029 pA)
					2	19.770 pA	~	20.230 pA	(	19.979 pA)
		3	19.770 pA	~	20.230 pA	(	19.966 pA)			
		4	19.770 pA	~	20.230 pA	(	20.019 pA)			
	200pA	10GΩ	2V	1	197.970 pA	~	202.030 pA	(	199.909 pA)	
				2	197.970 pA	~	202.030 pA	(	199.852 pA)	
		3	197.970 pA	~	202.030 pA	(	199.879 pA)			
		4	197.970 pA	~	202.030 pA	(	199.941 pA)			
	2nA	0.2nA	100GΩ	20V	1	0.19880 nA	~	0.20120 nA	(	0.20045 nA)
					2	0.19880 nA	~	0.20120 nA	(	0.19995 nA)
		3	0.19880 nA	~	0.20120 nA	(	0.19984 nA)			
		4	0.19880 nA	~	0.20120 nA	(	0.20036 nA)			
	2nA	10GΩ	20V	1	1.98980 nA	~	2.01020 nA	(	1.99982 nA)	
				2	1.98980 nA	~	2.01020 nA	(	1.99945 nA)	
		3	1.98980 nA	~	2.01020 nA	(	2.00311 nA)			
		4	1.98980 nA	~	2.01020 nA	(	1.99997 nA)			
	20nA	2nA	10GΩ	20V	1	1.9890 nA	~	2.0110 nA	(	1.9996 nA)
					2	1.9890 nA	~	2.0110 nA	(	1.9991 nA)
		3	1.9890 nA	~	2.0110 nA	(	1.9994 nA)			
		4	1.9890 nA	~	2.0110 nA	(	1.9995 nA)			
20nA	1GΩ	20V	1	19.8990 nA	~	20.1010 nA	(	20.0011 nA)		
			2	19.8990 nA	~	20.1010 nA	(	19.9956 nA)		
	3	19.8990 nA	~	20.1010 nA	(	19.9940 nA)				
	4	19.8990 nA	~	20.1010 nA	(	19.9977 nA)				
200nA	20nA	1GΩ	20V	1	19.890 nA	~	20.110 nA	(	19.987 nA)	
				2	19.890 nA	~	20.110 nA	(	19.980 nA)	
	3	19.890 nA	~	20.110 nA	(	19.987 nA)				
	4	19.890 nA	~	20.110 nA	(	19.989 nA)				
200nA	100MΩ	20V	1	198.990 nA	~	201.010 nA	(	199.565 nA)		
			2	198.990 nA	~	201.010 nA	(	199.965 nA)		
	3	198.990 nA	~	201.010 nA	(	199.972 nA)				
	4	198.990 nA	~	201.010 nA	(	199.968 nA)				
2μA	0.2μA	100MΩ	20V	1	0.19890 μA	~	0.20110 μA	(	0.19960 μA)	
				2	0.19890 μA	~	0.20110 μA	(	0.19999 μA)	
	3	0.19890 μA	~	0.20110 μA	(	0.19997 μA)				
	4	0.19890 μA	~	0.20110 μA	(	0.20000 μA)				
2μA	10MΩ	20V	1	1.98990 μA	~	2.01010 μA	(	1.99981 μA)		
			2	1.98990 μA	~	2.01010 μA	(	1.99971 μA)		
	3	1.98990 μA	~	2.01010 μA	(	1.99977 μA)				
	4	1.98990 μA	~	2.01010 μA	(	1.99966 μA)				



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 <YYYY-MM-DD>

測定速度 <Speed>	レンジ <Range>	入力 <Input>			CH	許容範囲 <Tolerance>		校正値 *1, *2 <Calibration Value>		
		<Current/	(Resistance/Voltage)>							
SLOW2	20μA	2μA	10MΩ	20V	1	1.9890	μA ~ 2.0110	μA	( 1.9999 μA)	
					2	1.9890	μA ~ 2.0110	μA	( 1.9994 μA)	
			3	1.9890	μA ~ 2.0110	μA	( 1.9995 μA)			
			4	1.9890	μA ~ 2.0110	μA	( 1.9985 μA)			
		20μA	1MΩ	20V	1	19.8990	μA ~ 20.1010	μA	( 20.0007 μA)	
					2	19.8990	μA ~ 20.1010	μA	( 19.9979 μA)	
			3	19.8990	μA ~ 20.1010	μA	( 20.0008 μA)			
			4	19.8990	μA ~ 20.1010	μA	( 19.9983 μA)			
	200μA	20μA	10MΩ	200V	1	19.890	μA ~ 20.110	μA	( 20.006 μA)	
					2	19.890	μA ~ 20.110	μA	( 20.003 μA)	
			3	19.890	μA ~ 20.110	μA	( 20.002 μA)			
			4	19.890	μA ~ 20.110	μA	( 20.002 μA)			
		200μA	1MΩ	200V	1	198.990	μA ~ 201.010	μA	( 200.107 μA)	
					2	198.990	μA ~ 201.010	μA	( 200.087 μA)	
			3	198.990	μA ~ 201.010	μA	( 200.090 μA)			
			4	198.990	μA ~ 201.010	μA	( 200.080 μA)			
FAST	2mA	0.2mA	1MΩ	200V	1	0.19870	mA ~ 0.20130	mA	( 0.20000 mA)	
					2	0.19870	mA ~ 0.20130	mA	( 0.20000 mA)	
		3	0.19870	mA ~ 0.20130	mA	( 0.20000 mA)				
		4	0.19870	mA ~ 0.20130	mA	( 0.19997 mA)				
	2mA	100kΩ	200V	1	1.98970	mA ~ 2.01030	mA	( 2.00074 mA)		
				2	1.98970	mA ~ 2.01030	mA	( 2.00080 mA)		
		3	1.98970	mA ~ 2.01030	mA	( 2.00064 mA)				
		4	1.98970	mA ~ 2.01030	mA	( 2.00055 mA)				
FAST2	20nA	2nA	10GΩ	20V	1	1.9870	nA ~ 2.0130	nA	( 2.0010 nA)	
					2	1.9870	nA ~ 2.0130	nA	( 2.0003 nA)	
			3	1.9870	nA ~ 2.0130	nA	( 2.0014 nA)			
			4	1.9870	nA ~ 2.0130	nA	( 2.0007 nA)			
		20nA	1GΩ	20V	1	19.8970	nA ~ 20.1030	nA	( 20.0009 nA)	
					2	19.8970	nA ~ 20.1030	nA	( 19.9937 nA)	
			3	19.8970	nA ~ 20.1030	nA	( 19.9930 nA)			
			4	19.8970	nA ~ 20.1030	nA	( 19.9959 nA)			
	MED	20nA	2nA	10GΩ	20V	1	1.9880	nA ~ 2.0120	nA	( 1.9994 nA)
						2	1.9880	nA ~ 2.0120	nA	( 1.9989 nA)
			3	1.9880	nA ~ 2.0120	nA	( 1.9996 nA)			
			4	1.9880	nA ~ 2.0120	nA	( 1.9995 nA)			
20nA		1GΩ	20V	1	19.8980	nA ~ 20.1020	nA	( 20.0020 nA)		
				2	19.8980	nA ~ 20.1020	nA	( 19.9970 nA)		
		3	19.8980	nA ~ 20.1020	nA	( 19.9962 nA)				
		4	19.8980	nA ~ 20.1020	nA	( 19.9994 nA)				

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測定速度 <Speed>	レンジ <Range>	入力 <Input> <Current/ (Resistance/Voltage)>	CH	許容範囲 <Tolerance>	校正値 *1, *2 <Calibration Value>
SLOW	20nA	2nA 10GΩ 20V	1	1.9885 nA ~ 2.0115 nA	( 1.9995 nA)
			2	1.9885 nA ~ 2.0115 nA	( 1.9993 nA)
			3	1.9885 nA ~ 2.0115 nA	( 1.9992 nA)
			4	1.9885 nA ~ 2.0115 nA	( 1.9997 nA)
	20nA 1GΩ 20V	1	19.8985 nA ~ 20.1015 nA	( 20.0036 nA)	
		2	19.8985 nA ~ 20.1015 nA	( 19.9977 nA)	
		3	19.8985 nA ~ 20.1015 nA	( 19.9966 nA)	
		4	19.8985 nA ~ 20.1015 nA	( 19.9997 nA)	

3. D/A出力精度 <D/A Output Accuracy>

設定電圧 <Voltage Setting>	許容範囲 <Tolerance>	校正値 *1 <Calibration Value>
0V	-0.0040 V ~ 0.0040 V	( 0.0004 V )
2V	1.9960 V ~ 2.0040 V	( 1.9999 V )